

**DISC CADDY FEEDER SYSTEM WITH CADDY GRIPPER
FOR DATA STORAGE DEVICES**

Abstract of the Disclosure

5 A disc presentation apparatus executing a method of presenting the disc by
using a caddy gripper is disclosed. The disc presentation apparatus includes; a
frame supporting an in-feed conveyor advancing a disc caddy with a disc, a caddy
escapement securing the disc caddy from the in-feed conveyor and transporting the
disc caddy to a caddy feed. The caddy feed includes the caddy gripper secured to a
10 feed elevator, which indexes the disc to a predetermined substantially fixed
location and transfers the disc caddy to an out-feed conveyor. The caddy gripper
extracts the disc caddy from the caddy escapement and includes; a gripper slide
assembly advancing a gripper plate into mating contact with the disc caddy, a
caddy locating assembly aligning the disc caddy relative to the gripper plate, and
15 an active jaw assembly engaging a first side of the disc caddy thereby gripping the
disc caddy adjacent the gripper plate.